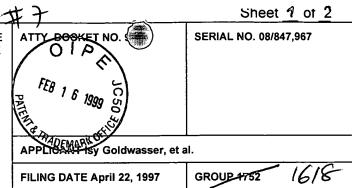
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U.S. PATENT DOCUMENTS

Exmr Initial		Document Date Name Number		Class	Sub Class	Filing Date	
W	4,728,	502 0)5/01/88	Hamill	422	116	
	5,024,	992 0	06/18/91	Morris	505	1 .	
	5,045,	916 0)9/03/91	Vor et al.	357	71	
	5,143,	854 0	09/01/92	Pirrung et al.	436	518	
	5,288,	514 0)2/22/94	Ellman	427	2	
	5,324,	483 0	06/28/94	Cody et al.	422	131	
	5,356,	756 1	10/18/94	Cavicchi et al.	430	315	. ""
0	5,384,	261 0)1/24/95	Winkler et al.	436	518	
W	5,776,	359 0	07/07/98	Schultz et al.	252	62.51	

FOREIGN PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Country	Class	Sub Class	Translation YES NO
W	WO 90/00626	01/25/90	BET WIPD			
	WO 90/15070	12/13/90	PET WIPO			
	WO 92/10092	06/25/92	per WIPO			
1	WO 93/09668	05/27/92	PCF WIPU			

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

П				Barbas, Carlos F., et al., "Assembly of combinatorial antibody libraries on phage surfaces: The gene III site," <i>Proc. Natl. Acad. Sci.</i> , Vol. 88, pp. 7978-7982, 1991.
	(Bednorz, J.G., et al., "Possible high T _c superconductivity in the Ba-Cu-O system," <i>Zeitschrift fur Physik B</i> , Condensed Matter 64, pp. 189-193, 1986.
Г			-	Berlincourt, T.G., "Proposed search for high-temperature superconductors," Research proposal, 1973.
	Π			Blake, James, et al., "Evaluation of peptide libraries: An iterative strategy to analyze the reactivity of peptide mixtures with antibodies," <i>Bioconjugate Chem.</i> , evVol. 3, pp. 510-513, 1992.
				Bray, Andrew M., et al., "The simultaneous multiple production of solution phase peptides: Assessment of the geysen method of simultaneous peptide synthesis," <i>Tetrahedron Letters</i> , Vol. 31, No. 40, pp. 5811-5814, 1990.
		RE	CE	By ry A., et al., "The combinatorial synthesis and chemical and biological evaluation of a 1,4-benzodiazepine library," <i>Proc. Natl. Acad. Sci.</i> , Vol. 91, pp. 4708-4712, 1994.
		51	۱ ن	Saw W.J., "Structural chemistry and the local charge picture of copper oxide superconductors," Science, Vol. 247, pp. 656-662, 1990.
		GP.		Swill A (A) E., et al., "Peptides on phage: A vast library of peptides for identifying ligands," Proc. Natl. Acad. Sci., Vol. 87, pp. 6378-6382, 1990.
				Devlin, James J., et al., "Random peptide libraries: A source of specific protein binding molecules," <i>Science</i> , Vol. 249, pp. 404-406, 1990.

		Pica			DaSily M., et al., "Variable thin film thickness apparatus," Technical Disclosure Bulletin, Vol. 22, No. 7, 2922, 1979.
۰	\	VIP	_		DiSalvo, Francis J., "Solid-state chemistry: A rediscovered chemical frontier," <i>Science</i> , Vol. 247, pp. 649-655, 1990.
1			ې		Ellington, Andrew D., et al., "In vitro selection of RNA molecules that bind specific ligands," Nature, Vol. 346, pp. 818-822, 1990.
					Fister, Loreli, et al., "Controlling solid state reactions via rational design of superlattice reactants," in Advances in the Synthesis and Reactivity of Solids, JAI Press, Inc., 155 et sq., 1994.
Ì					Fodor, Stephen P.A., et al., "Light-directed, spatially addressable parallel chemical synthesis," <i>Science</i> , Vol. 251, pp. 767-773, 1991.
					Geysen, H. Mario, et al., "Strategies for epitope analysis using peptide synthesis," <i>Journal of Immunological Methods</i> , Vol. 102, pp. 259-274, 1987.
		П			Hanak, J.J., "A step toward automation of materials research," RCA Technical Report, April 3, 1969.
					Hanak, J.J., et al., "The effect of grain size on the superconducting transition temperature of the transition metals," <i>Physics Letters</i> , Vol. 30A, No. 3, pp. 201-202, 1969.
		b	F	Ą	Hanak, J.J., "The "multiple-sample concept" in materials research: Synthesis, compositional analysis and testing of entire multicomponent systems," <i>Journal of Materials Science</i> , Vol. 5, pp. 964-971, 1970.
	0,		1999	1032	Hanak, J.J., et al., "Radio-frequency-sputtered films of g-tungsten structure compounds," <i>Journal of Allied Physics</i> , Vol. 41, No. 13, pp. 4958-4962, 1970.
	FEB	1	7330	OFFICE V	Hanak, J.J., "Compositional determination of rf co-sputtered multicomponent systems," The Journal of Vacuum Science and Technology, Vol. 8, No. 1, pp. 172-175, 1971.
1	ATENT	& TR	ADEMAR		Hanak, J.J., "Calculation of composition of dilute cosputtered multicomponent films," J. Appl. Phys., Vol. 44, No. 11, pp. 5142-5147, 1973.
	•	\prod		_	Hanak, J.J., "Electroluminescence in ZnS: Mn _X : Cu _y rf-sputtered films," Japan J. Appl. Phys., Suppl. 2, Pt. 1, pp. 809-812, 1974.
		\prod	·	ز	Hor, P.H., et al., "Superconductivity at 93 K in a new mixed-phase Y-Ba-Cu-O compound system at ambient pressure," <i>Physical Review Letters</i> , Vol. 58, No. 9, pp. 908-910, 1987.
		П		,	Hor, P.H., et al., "High-pressure study of the new Y-Ba-Cu-O superconducting compound system," Physical Review Letters, Vol. 58, No. 9, pp. 911-912, 1987.
	7				Houghten, Richard A., et al., "Generation and use of synthetic peptide combinatorial libraries for basic research and drug discovery," <i>Nature</i> , Vol. 354, pp. 84-86, 1991.
				`	Jin, S., et al., "Thousandfold change in resistivity in magnetoresistive La-Ca-Mn-O Films," <i>Science</i> , Vol. 264, pp. 413-415, 1994.
				à	Lam, Kit S., et al., "A new type of synthetic peptide library for identifying ligand-binding activity," <i>Nature</i> , Vol. 354, pp. 82-84, 1991.
				/	Lerner, Richard A., et al., "At the crossroads of chemistry and immunology: Catalytic antibodies," <i>Science</i> , Vol. 242, pp. 659-667, 1991.
				,	Maeda, Hiroshi, et al., "A new high-T _c oxide superconductor without a rare earth element," <i>The Journal of Applied Physics</i> , Vol. 27, No. 2, pp. L209-L210, 1988.
				,	Needels, Michael E., et al., "Generation and screening of an oligonucleotide-encoded synthetic peptide library," <i>Proc. Natl. Acad. Sci.</i> , Vol. 90, pp. 10700-10704, 1993.
				j.	Ohlmeyer, Michael H.J., et al., "Complex synthetic chemical libraries indexed with molecular tags," <i>Proc. Natl. Acad. Sci.</i> , Vol. 90, pp. 10922-10926, 1993.
				`\	Pollack, Scott J., et al., "Selective chemical catalysis by an antibody," <i>Science</i> , Vol. 234, pp. 1570-1573, 1986.
				,	Scott, Jamie K., et al., "Searching for peptide ligands with an epitope library," Science, Vol. 249, pp. 386-390, 1990.
				`	Sleight, A.W., "Chemistry of high-temperature superconductors," <i>Science</i> , Vol. 242, pp. 1519-1527, 1988.
				_	Tramontano, Alfonso, et al., "Catalytic antibodies," Science, Vol. 234, pp. 1566-1570, 1986.
	R			1	The Carting Systematic evolution of ligands by exponential enrichment: RNA ligands to bacteriophage 14 (Fig. 1) lymerase," Science, Vol. 249, pp. 505-510, 1990.

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